

Title (en)

NEW ASYMMETRIC PROCESS FOR THE PREPARATION OF DIARYLMETHYLPIPERAZINES DERIVATIVES AND NOVEL ASYMMETRIC DIARYLMETHYLAMINES AS INTERMEDIATES

Title (de)

NEUES ASYMMETRISCHES VERFAHREN ZUR HERSTELLUNG VON DIARYLMETHYLPIPERAZINDERIVATEN UND NEUE ASYMMETRISCHE DIARYLMETHYLAMINE ALS ZWISCHENPRODUKTE

Title (fr)

NOUVEAU PROCEDE ASYMETRIQUE DE PREPARATION DE DERIVES DE DIARYLMETHYLPIPERAZINES ET NOUVELLES DIARYLMETHYLAMINES ASYMETRIQUES EN TANT QU'INTERMEDIAIRES

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Application

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Abstract (en)

[origin: US7423154B2] An asymmetric synthesis of diarylmethylpiperazines is described. The synthetic route enables preparation of a variety of enantiomerically pure amines with different N-alkyl groups. The invention includes an asymmetric addition of organometallic compounds to chiral sulfinimine to give adducts in predominantly one diastereomer can subsequently be transferred into pure enantiomers of by cleavage of the chiral auxilliary which is followed by synthesis of the piperazine ring by alkylation procedures.

IPC 8 full level

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